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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

VIA-018-CIP

Brian Banister

App. No.

10/080,728

Filed

February 22, 2002

For

METHOD AND APPARATUS FOR IMPROVING TRANSMIT

ANTENNA WEIGHT TRACKING

USING CHANNEL CORRELATIONS IN A

WIRELESS COMMUNICATION

SYSTEM

Group Art:

2631

Examiner:

Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

On: March 3, 2004

Barbara S. Kelly

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INFORMATION DISCLOSURE STATEMENT

MAR 0 9 2004

Technology Center 2600

Commissioner for Patents P.O. Box 1450 Washington, DC 22313-1450

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (X) No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, in accordance with 37 CFR §1.97(b).
- (XX) Copies of each of the references listed on the attached modified Form PTO-1449 are enclosed herewith. All of the listed references are in the English language.

Respectfully submitted,

Date: March 3, 2004

Signature Erik M. Vieira Registration No. 53,723

JAQUEZ & ASSOCIATES 750 B Street, Suite 2640 San Diego, CA 92101 (619) 238-1814 (voice) (619) 238-2426 (fax) **FORM PTO-1449**

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. VIA-018-CIP

APPLICATION NO. 10/080,728

INFORMATION DISCLOSURE STATEMEN
BY APPLICANT

APPLICANT

Brian Banister

MAR 0 5 2004

SEVERAL SHEETS IF NECESSARY)

FILING DATE

February 22, 2002

GROUP 2631

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
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EXAMINER INITIAL	other bocoments (including Author, title, DATE, FERTINEIT FAGES, ETC.)						
	Rashid-Farrokhi, et al., "Transmit Beamforming and Power Control for Cellular Wireless Systems", IEEE Journal on Selected Areas in Communications, Vol. 16, No. 8, October, 1998, pp. 1437-1450.						
	Pedersen, et al., "A Stochastic Model of the Temporal and Azimuthal Dispersion Seen at the Base Station in Outdoor Propagation Environments", IEEE Transactions on Vehicular Technology, Vol. 49, No. 2, March, 2000, pp. 437-447.						
	Banister, et al. "A Stochastic Gradient Algorithm for Transmit Antenna Weight Adaptation with Feedback", IEEE, 2001, pp 314-317.						
	Harrison, et al. (Motorola) "Open and Closed Loop Transmit Diversity at High Data Rates on 2 and 4 Elements", document #C30-199990817-017, submitted to 3GPP2 August 16-20, 1999, pp 1-5.						
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EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.